



Kathleen

Page 1 of 3



RECEIVED

AUG 26 2002

Form PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

DOCKET NUMBER: 12243.19-US-U1

TECH CENTER 1600/2000
Application Number: 09/952200

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S): ROSE, David et al

FILING DATE: September 21, 2001

GROUP ART UNIT

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- | | |
|-----|--|
| 6. | Cowan, K. (1994). 'dm': an automated procedure for phase improvement by density modification. CCP4 ESF-EACBM Newsl. Protein Crystallogr. 31, 34-38 |
| 7. | Davies, G., et al (1995). Structures and mechanisms of glycosyl hydrolases. Structure 3, 853-859 |
| 8. | Dennis, J.W., et al (1985). Recognition of asparagine-linked oligosaccharides on murine tumor cells by natural killer cells. Cancer Res. 45, 6034-6040 |
| 9. | Dennis, J.W., et al (1999). Protein glycosylation in development and disease. Bioessays 21, 412-421 |
| 10. | Dennis, J.W., et al (1999). Glycoprotein glycosylation and cancer progression. Biochim. Biophys. Acta 1473, 21-34 |
| 11. | Goss, P.E., et al (1995). Inhibitors of carbohydrate processing, A new class of anticancer agents. Clin. Cancer Res. 1, 935-944 |
| 12. | Goss, P.E., et al (1997). Phase IB clinical trial of the oligosaccharide processing inhibitor swainsonine in patients with advanced malignancies. Clin. Cancer Res. 3, 1077-1086 |
| 13. | Harpaz, N. et al (1980). Control of Glycoprotein Synthesis. V. Processing of asparagine-linked oligosaccharides by Golgi alpha-D-mannosidases dependent on the prior action of UDP-N-acetylglucosamine:alpha-D-mannoside beta-2-N-acetylglucosaminyltransferase I. J. Biol. Chem. 255, 4894-4902 |
| 14. | Henrissat, B. (1991). A classification of glycosyl hydrolases based on amino-acid sequence similarities. Biochem. J. 280, 309-316 |
| 15. | Herscovics, A. (1999). Importance of glycosidases in mammalian glycoprotein biosynthesis. Biochim. Biophys. Acta 1473, 96-107 |
| 16. | Howard, S., et al (1998). Identification of the active site nucleophile in Jack-bean alpha-mannosidase using 5-fluoro-beta-L-gulosyl fluoride. J. Biol. Chem. 273, 2067-2072 |
| 17. | Jones, TA, et al (1991). Improved methods for building protein models in electron density maps and the location of errors in these models. Acta Crystallogr. A 47, 110-119 |
| 18. | Kausal, G.P., et al (1990). Purification to homogeneity and properties of mannosidase II from mung bean seedlings. Biochemistry 29, 2168-2176 |
| 19. | Kiyohara, T., et al (1987). Double restriction in NK cell recognition is linked to transmethylation and can be triggered by asparagine-linked oligosaccharides on tumor cells. Cell. Immunol. 106, 223-233 |
| 20. | Kornfeld R., et al (1985). Assembly of asparagine-linked oligosaccharides. Annu. Rev. Biochem. 54, 631-664 |
| 21. | Kraulis, P. (1991). Molscript: a program to produce both detailed and schematic plots of protein structures. J. Appl. Crystallogr. 24, 946-950 |
| 22. | Merritt, E.A., et al (1997). Raster3D: photorealistic molecular graphics. Methods Enzymol. 277, 505-524 |
| 23. | Moremen K.W., et al (1994). Glycosidases of the asparagine-linked oligosaccharide processing pathway. Glycobiology. 4, 113-125 |
| 24. | Moremen, K.W. et al (1985). Biosynthesis and modification of Golgi mannosidase II in HeLa and 3T3 cells. J. Biol. Chem. 260, 6654-6662 |
| 25. | Moremen, K.W. et al (1986). Topology of mannosidase II in rat liver Golgi membranes and release of the catalytic domain by selective proteolysis. J. Biol. Chem. 261, 10945-10951 |
| 26. | Nicholls A., et al (1991). Protein folding and association: insights from the interfacial and thermodynamic properties of hydrocarbons. Proteins 11 281-296 |
| 27. | Rabouille, C., et al (1999) The Drosophila GMII gene encodes a Golgi a-mannosidase II. J. Cell Sci. 112, 3319-3330 |
| 28. | Ren, J., et al (1997). Purification and properties of alpha-mannosidase II from Golgi-like membranes of baculovirus-infected <i>Spodoptera frugiperda</i> (IPLB-SF-21AE) cells. Biochem. J. 324, 951-956 |
| 29. | Schmidt, A., et al (1998). Structure of xylanase from <i>Penicillium simplicissimum</i> . Protein Sci. 7(10), 2081-8 |

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Kathy K 9/21/04

